

## Recombinant Human GPR12

**Cat. No.** GPR12-29093TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human GPCR GPR12 with N terminal proprietary tag; Predicted MWt 62.81 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	334 amino acids
<b>Molecular Weight</b>	62.810kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MNEDLKVNL SGLPRDYLDAAAAENISA AVSSRVP AVEPEP ELVVNPWDIVLCTSGTL ISCENAIVVLIIFHNPSLRAPMF LLIGSLALADLLAGIGLITNFVFAYLLQSEATKLVTIGL I VASFSASVCSLLAITVD RYLSLYYALTYHSERTVTFTTYVM LVMLWGT SICLGLLPVM GWNCLRDESTCSVVRPLTKNNAA ILSVSFLFMFALMLQLYI QICKIVMRHAHQIALQH HFLAT SHYVTRKGVSTLAILGTFAACWMPFTLYSLIADYTYP S IYTYATLLPATYNS

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IINPVIYAFRNQEIQKALCLICCGCI PSSLAQRARSPSDV

**Sequence Similarities**  
 Belongs to the G-protein coupled receptor 1 family.

## GENE INFORMATION

<b>Gene Name</b>	GPR12 G protein-coupled receptor 12 [ Homo sapiens ]
<b>Official Symbol</b>	GPR12
<b>Synonyms</b>	GPR12; G protein-coupled receptor 12; G-protein coupled receptor 12; GPCR21;
<b>Gene ID</b>	2835
<b>mRNA Refseq</b>	NM_005288
<b>Protein Refseq</b>	NP_005279
<b>MIM</b>	600752
<b>Uniprot ID</b>	P47775
<b>Chromosome Location</b>	13q12
<b>Pathway</b>	GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
<b>Function</b>	G-protein coupled receptor activity; receptor activity; signal transducer activity;

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